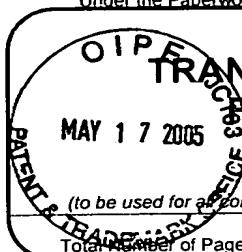


05-1 JC06 Rec'd PCT/PTO 17 MAY 2005 #4

Approved for use through 07/31/2006. OMB 0651-0031
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PTO/SB/21 (09-04)

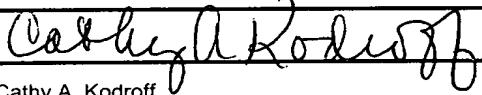
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 <p>TRANSMITTAL FORM MAY 17 2005 (to be used for all correspondence after initial filing)</p>		Application Number	10/510,947
		Filing Date	October 28, 2004
		First Named Inventor	Wilson et al
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission	16	Attorney Docket Number	UPN-O2811USA

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please Identify below):
<input type="checkbox"/> Remarks Customer No. 00270 Express Mail No. ED226745333US		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	HOWSON AND HOWSON		
Signature			
Printed name	Cathy A. Kodroff		
Date	MAY 17, 2005	Reg. No.	33,980

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Effective on 12/02/2004.
Fee is subject to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
MAY 17 2005 for FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
65.00

Complaint Known

Application Number	10/510,947
Filing Date	October 28, 2004
First Named Inventor	Wilson et al
Examiner Name	
Art Unit	
Attorney Docket No.	UPN-O2811USA

COPY

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 08-3040 Deposit Account Name: HOWSON AND HOWSON

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments
 under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Small Entity

Fee (\$) 50 25

Each independent claim over 3 (including Reissues)

Fee (\$) 200 100

Multiple dependent claims

Fee (\$) 360 180

Total Claims Extra Claims Fee (\$) Fee Paid (\$)

Multiple Dependent Claims

Fee (\$) Fee Paid (\$)

- 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)

Fee (\$) Fee Paid (\$)

- 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
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- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge): LATE OATH OR DECLARATION SURCHARGE FEE

65.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 33,980	Telephone 215-540-9200
Name (Print/Type)	CATHY A. KODOROFF		Date January 11, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/510,947 Confirmation No.: 2110
Applicant : Wilson et al
Filed : October 28, 2004
TC/A.U. :
Examiner :
Customer No. : 00270
Title : CHIMERIC EBOLA VIRUS ENVELOPES AND USES
THEREFOR

Mail Stop Missing Parts
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

REQUEST FOR WITHDRAWAL OF NOTIFICATION OF MISSING REQUIREMENTS

Sir:

This is in response to the Notice to File Missing Parts of Application under 37 CFR 1.53(b), the Notice being dated April 1, 2005.

Submitted herewith are:

- (a) a copy of the Declaration by the Applicants Wilson and Kobinger which was filed by express mail to the USPTO on January 11, 2005;
- (b) a copy of the postcard dated January 11, 2005 showing receipt by the USPTO of the Declaration in (a)
- (c) a copy of express mail receipt date stamped January 11, 2005
- (d) a copy of the Notice

Express Mail No. ED226745333US

(e) Declaration executed by Applicant Medina was filed with the original application on October 28, 2004; a copy of the stamped postcard showing receipt of Declaration executed by Medina; The surcharge was paid upon filing of the Wilson and Kobinger Declaration. Withdrawal of the Notification is hereby requested. Applicants believe the present notification was issued in error, as all outstanding requirements were completed on January 11, 2005. Please charge any deficiency in the fee to our deposit account number 08-3040.

Respectfully Submitted,
HOWSON AND HOWSON
Attorneys for Applicants

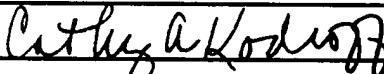
By Cathy Kodloff
Cathy A. Kodloff
Registration No. 33,980
Spring House Corporate Center
Box 457
Spring House, PA 19477
Phone: (215) 540-9200
Fax: (215) 540-5818

TRANSMITTAL FORM		Application Number	10/510,947
(to be used for all correspondence after initial filing)		Filing Date	October 28, 2004
		First Named Inventor	Wilson et al
		Art Unit	
		Examiner Name	
		Attorney Docket Number	UPN-O2811USA
Total Number of Pages in This Submission _____			

COPY

ENCLOSURES (Check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input checked="" type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53			
<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD			
Remarks			
Customer No. 00270 Express Mail No. ER636323199US			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	HOWSON AND HOWSON		
Signature			
Printed name	Cathy A. Kodroff		
Date	January 11, 2005	Reg. No.	33,980

CERTIFICATE OF TRANSMISSION/MAILING

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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COPY

Serial No. 10/510,947 Doc. No. UPN-O2811USA Atty/Sec. CAK/lb Date: 1-11-05

Inventor: Wilson et al Client: UPN

Title: Chimeric Ebola Virus Envelopes and Uses Therefor

The following has been received in the US Patent and Trademark Office on the date stamped hereon:

1 pp. Transmittal Letter
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1/11/2005

TO THE DIRECTOR OF THE USPTO

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10/510,947 UPN-O2811USA

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Serial No. 10/510,947 Doc. No. UPN-O2811USA Atty/Sec. CAK/lb Date: 1-11-05

Inventor: Wilson et al

Client: UPN

Title: Chiméric Ebola Virus Envelopes and Uses Therefor

The following has been received in the US Patent and Trademark Office on the date stamped hereon:

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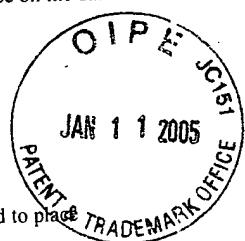
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/510,947	James M Wilson	UPN-02811USA

Howson and Howson
 P O Box 457
 Springhouse, PA 19477

ENTERED
 DUE 04/01/05

INTERNATIONAL APPLICATION NO.

PCT/US03/11494

I.A. FILING DATE	PRIORITY DATE
04/28/2003	04/30/2002

CONFIRMATION NO. 2110

371 FORMALITIES LETTER



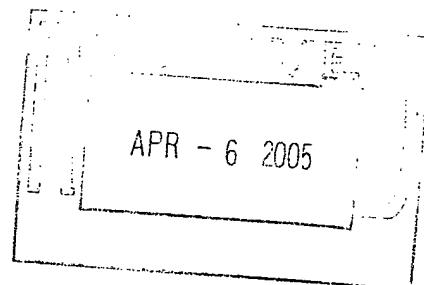
OC000000015599172

Date Mailed: 04/01/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 10/28/2004
- Copy of the International Search Report filed on 10/28/2004
- Copy of IPE Report filed on 10/28/2004
- Preliminary Amendments filed on 10/28/2004
- Information Disclosure Statements filed on 01/26/2005
- Biochemical Sequence Diskette filed on 10/28/2004
- Oath or Declaration filed on 10/28/2004
- Request for Immediate Examination filed on 10/28/2004
- Copy of references cited in ISR filed on 10/28/2004
- U.S. Basic National Fees filed on 10/28/2004
- Assignment filed on 10/28/2004



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

COPY

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/510,947	PCT/US03/11494	UPN-02811USA

FORM PCT/DO/EO/905 (371 Formalities Notice)

COPY

Rec'd PCT/PTO 28 OCT 2004

Docket No: UPN-02811USA Atty/Sec: CAK/rjd Date: 10/28/2004
Inventor: Wilson, et al. Client: University of Pennsylvania
Title: CHIMERIC EBOLA VIRUS ENVELOPES AND USES THEREFOR

The following has been received in the US Patent and Trademark Office on the date stamped hereon:

3 pp. Transmittal Letter to the US Designated/Elected Office Concerning a Submission
under 35 USC 371 (original and duplicate of page 2)
106 pp. Specification [including Claims, Drawings (3 sheets) and Sequence Listing (29 sheets)]
3 pp. Declaration and Power of Attorney 5 pp. Assignment with recordal sheet
6 pp. Preliminary Amendment A 13 pp. Preliminary Amendment B
6 pp. Application Data Sheet 6 pp. PCT Request
5 pp. PCT Search Report 5 pp. PCT Demand
4 pp. IPER Check No. 22390 for \$694.00

1 CFR and 1 pp. Sequence Statement
The Patent and Trademark Office is respectfully requested to place its stamp on this
postcard and place it in the outgoing mail.

Respectfully,
HOWSON AND HOWSON

10109-H